

November 23, 2004

Mr. J. A. Stall
Senior Vice President, Nuclear and
Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

SUBJECT: ST. LUCIE PLANT, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL
INFORMATION REGARDING BULLETIN 2004-01, "INSPECTION OF ALLOY
82/182/600 MATERIALS USED IN THE FABRICATION OF PRESSURIZER
PENETRATIONS AND STEAM SPACE PIPING CONNECTIONS AT
PRESSURIZED WATER REACTORS," RESPONSES (TAC NOS. MC3505 AND
MC3506)

Dear Mr. Stall:

On May 28, 2004, the U.S. Nuclear Regulatory Commission (NRC) issued Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in The Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized Water Reactors." Subsequently, by letter dated July 27, 2004, Florida Power and Light Company provided the 60-day response to Bulletin 2004-01 for the St. Lucie Plant, Units 1 and 2.

The NRC staff has completed its preliminary review of your response and has determined that more information is needed to complete its review. Enclosed is the Request for Additional Information.

This request was discussed with Mr. George Madden of your staff on November 22, 2004, and it was agreed that a response would be provided by January 18, 2005. If you have any questions, please feel free to contact me at 301-415-3974.

Sincerely,

/RA/

Brendan T. Moroney, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos.: 50-335 and 50-389

Enclosure: As stated

cc w/encl: See next page

Mr. J. A. Stall
Florida Power and Light Company

ST. LUCIE PLANT

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REQUEST FOR ADDITIONAL INFORMATION

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE NUCLEAR POWER PLANT, UNITS 1 AND 2

DOCKET NUMBERS 50-335 AND 50-389

1. In item (1)(c) of Florida Power and Light Company (FPL) response to the U.S. Nuclear Regulatory Commission (NRC) Bulletin 2004-01, it appears that FPL is stating that they may not be examining the Alloy 182 spray, safety and surge nozzle butt welds after the next refueling outage. Please clarify this statement in your Bulletin response, since page 5 of the Bulletin states, "The NRC staff has reviewed the recommendations made by the WOG [Westinghouse Owners Group] in its January 30, 2004, letter and finds that, with minor modifications, it would constitute an effective degradation management program for all Alloy 82/182/600 covered under the scope of Bulletin 2004-01 based on our current state of knowledge." These examinations should be performed at each refueling outage.
2. Items 1(b) and 1(c) in Bulletin 2004-01 request that FPL provide the basis for concluding that their plant will satisfy applicable regulatory requirements related to the structural and leakage integrity of pressurizer penetrations and steam space piping connections. FPL response to this item does not provide a specific explanation of these items. Please supplement your response to provide this basis. The section titled, "Applicable Regulatory Requirements" starting on page 5 in Bulletin 2004-01 lists some of the regulatory requirements that should be addressed in your response.
3. Item 1(d) in Bulletin 2004-01 states, "In light of the information discussed in this bulletin and your understanding of the relevance of recent industry operating experience to your facility, explain why the inspection program identified in your response to item (1)(c) above is adequate for the purpose of maintaining the integrity of your facility's RCPB [reactor coolant pressure boundary] and for meeting all applicable regulatory requirements which pertain to your facility." FPL response to this item does not provide a specific explanation of these items. Please provide this explanation.

Enclosure